

Title (en)  
ATHERECTOMY CATHETER

Title (de)  
ATHEREKTOMIEKATHETER

Title (fr)  
CATHÉTER D'ATHÉRECTOMIE

Publication  
**EP 2786712 A1 20141008 (EN)**

Application  
**EP 12853660 A 20121030**

Priority  
• JP 2011258406 A 20111128  
• JP 2012078051 W 20121030

Abstract (en)  
[Object] To provide a measure capable of flexibly changing the posture when inserted into a blood vessel and increasing the storable amount of an excised atheroma. [Solution] An atherectomy catheter 10 has a shaft 11 having an opening 20 in the side wall, a cutter 12 which is positioned near the opening 20 in the internal space of the shaft 11 and which can move in the axial direction 101 of the shaft 11, and a distal end portion 13 connected to the distal end of the shaft 11. The distal end portion 13 has a blade tube 31 connected to the distal end of the shaft 11 by continuing the internal space, a reduced diameter portion 32 connected to the distal end of the blade tube 31 by continuing the internal space, and a distal end tip 33 whose outer diameter is smaller than the outer diameter of the distal end of the blade tube 31, whose distal end 35 side is projected outward from the distal end of the reduced diameter portion 32, and whose proximal end 36 side is extended into the internal space of the blade tube 31 through the internal space of the reduced diameter portion 32.

IPC 8 full level  
**A61B 17/00** (2006.01); **A61B 17/22** (2006.01); **A61B 17/32** (2006.01); **A61B 17/3207** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP US)  
**A61B 17/320758** (2013.01 - EP US); **A61B 17/320783** (2013.01 - EP US); **A61M 25/0023** (2013.01 - US); **A61B 2017/22071** (2013.01 - EP US); **A61B 2017/320064** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2786712 A1 20141008**; **EP 2786712 A4 20150701**; **EP 2786712 B1 20210324**; ES 2864221 T3 20211013; JP 6048415 B2 20161221; JP WO2013080729 A1 20150427; US 2014343584 A1 20141120; US 9572594 B2 20170221; WO 2013080729 A1 20130606

DOCDB simple family (application)  
**EP 12853660 A 20121030**; ES 12853660 T 20121030; JP 2012078051 W 20121030; JP 2013547070 A 20121030; US 201214360715 A 20121030